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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/604,629	08/06/2003	Jian-Shen Yu	10875-US-PA	1628

31561 7590 11/16/2005

JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE
7 FLOOR-1, NO. 100
ROOSEVELT ROAD, SECTION 2
TAIPEI, 100
TAIWAN

EXAMINER

PATEL, NITIN

ART UNIT	PAPER NUMBER
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2673

DATE MAILED: 11/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/604,629	YU ET AL.	
	Examiner	Art Unit	
	Nitin Patel	2673	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,11 and 18 is/are rejected.
- 7) ☒ Claim(s) 3-10 and 12-17 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-2, 11, 18 are rejected under 35 U.S.C. 102(e) as being anticipated by Tanada (U.S. Patent No. 6,909,409).

As per claim 1, Tanada discloses an integrated driver device frame of a liquid crystal display panel (In fig.2b element 210), comprising: a plurality of driver units (In fig.2b element 1,2...m/2), wherein each driver unit has a corresponding driver unit width (as shown in fig.2b D2 in element 1) and drives a corresponding driving line (corresponding to drive line 1), respectively; and a plurality of pixels (in fig.2b pixels 1,2,3...m-1,m), wherein each pixel is coupled to one of the driving lines (In fig.2b pixels is connected to the driver); wherein a relationship between the driver unit width (in fig.2b d2) and the interval of two neighboring pixels (as shown in fig.2b distance for pixels 1,2)) is that, the driver unit width is larger(as shown in fig.2b) than the interval of two neighboring pixels(in fig.2b) and less than two times of the interval of two neighboring pixels(in fig.2b).

As per claim 2, Tanada shows the driver unit is composed by a Thin Film

Transistor ("TFT")(In col.7 lines 15-20).

As per claim 11,18 Tanada shows an integrated driver device frame of a liquid crystal display panel, comprising: a plurality of driver units (In fig.2b), wherein each driver unit has a corresponding driver unit width (as shown in fig.2b element 1 part of the element 210) and drives a corresponding driving line (drive line 1,2....m/2), respectively; and a plurality of pixels (1,2,3...m-1,m in fig.2b), wherein each pixel is coupled to one of the driving lines (as shown in fig.2b); wherein the plurality of driver units are arranged with two staggered rows(In fig.2b), and one of the driver units in a row is neighboring to at least one of the driver units in another row(in fig.2b).

Allowable Subject Matter

3. Claims 3-10,12-17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The prior art fails to teach or suggest a power source for providing a first power line having a first polarity, a second power line and a third power line having a second polarity; wherein the plurality of driver units are coupled to the first power line, and a first part of the plurality of driver units is further coupled to the second power line and a second part of the plurality of driver units is further coupled to the third power line as claimed in claim 3.

The prior art fails to teach or suggest a power source for providing a first power line having a first polarity and a second power line having a second polarity, wherein the first power line has a first main line and a plurality of first branches and the second

Art Unit: 2673

power line has a second main line and a plurality of second branches; wherein a first part of the plurality of driver units is further coupled to the first main line and the corresponding second branches, and a second part of the plurality of driver units is further coupled to the second main line and the corresponding first branches as claimed in claims 7,15.

The prior art fails to teach or suggest a power source for providing a first power line having a first polarity, a second power line and a third power line having a second polarity; wherein the plurality of driver units are coupled to the first power line, and a first part of the plurality of driver units is further coupled to the second power line and a second part of the plurality of driver units is further coupled to the third power line as claimed in claim 12.

Conclusion

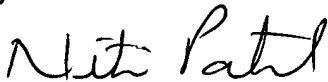
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin Patel whose telephone number is 571-272-7677. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin H. Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2673

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

NP

A handwritten signature in black ink, appearing to read "Nit Patel". The signature is written in a cursive, flowing style.

November 12, 2005